

PROJECT DESCRIPTION  
GENERAL

THIS PHASE OF MOT INVOLVES THE RELOCATION OF TRAFFIC SIGNAL HEADS AND SIGNS AND THE INSTALLATION OF OVERHEAD VIDEO DETECTION AT THE INTERSECTION OF MD 45 (YORK ROAD) AND WEST ROAD IN BALTIMORE COUNTY.

INTERSECTION OPERATION

A EXISTING SYSTEM CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL REMAIN. THE CONTROLLER SHALL BE RETROFITTED FOR VIDEO DETECTION. THE EXISTING MD 45 (YORK ROAD) THROUGH MOVEMENTS SHALL OPERATE CONCURRENTLY. THE MD 45 (YORK ROAD) NORTH BOUND LEFT TURN PHASE SHALL CHANGE TO LEAD PHASE. THE MD 45 (YORK ROAD) SOUTH BOUND LEFT TURN PHASE SHALL CHANGE TO LAG PHASE. THE SIDE STREET MOVEMENTS SHALL OPERATE AS A SPLIT PHASE.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (410) 321-2781  
MS. SUE POPE, UTILITY ENGINEER  
PHONE: (410) 321-2841  
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630  
MR. EDWARD RODENHIZER, SIGNAL OPERATION CHIEF  
PHONE: (410) 787-7650

EQUIPMENT LIST

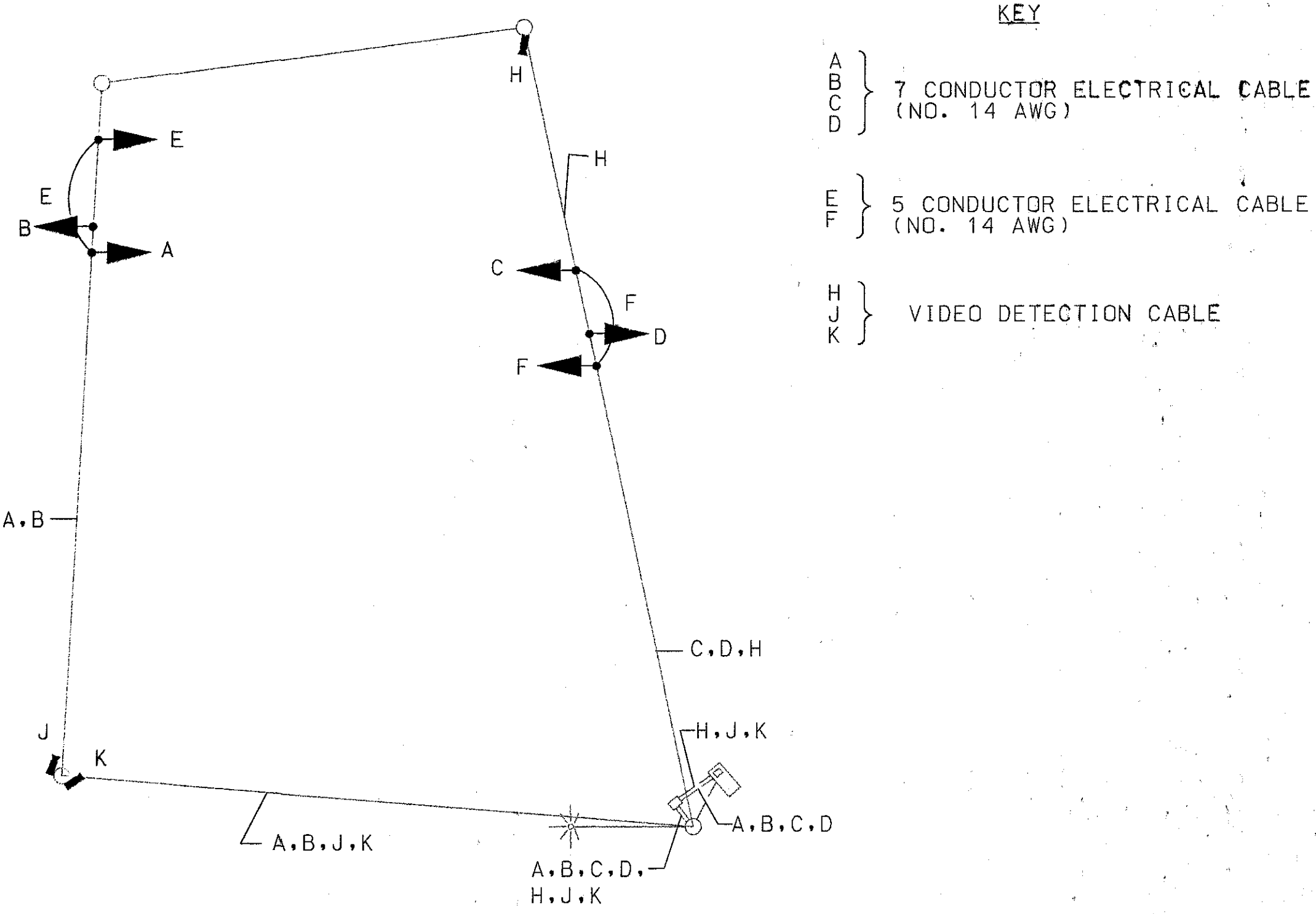
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION NONE	UNITS	QUANTITY
900000	VIDEO INTERFACE EQUIPMENT FOR 4 CAMERAS	EA	1

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585452	24 IN WHITE PERMANENT PREFORMED PAVEMENT MARKINGS	LF	120
585462	REMOVAL OF EXISTING PREFORMED PAVEMENT MARKINGS - ANY WIDTH	LF	300
800000	REMOVE AND RELOCATE SIGNAL HEAD	EA	6
800000	REMOVE AND RELOCATE OVERHEAD SIGN	EA	4
800000	REMOVE AND DISPOSE EXISTING EQUIPMENT	LS	1
816001	VIDEO DETECTION CAMERA	EA	3
816005	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER	EA	3
861107	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	50
861108	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	750

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	
PHASE 1 AND 6	←GG	←GG	G	R	R	R	R	R	R/G	R	R	R	←
1 AND 6 CHANGE	←YG	←YG	G	R	R	R	R	R	R/Y	R	R	R	↓
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	←
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	→
PHASE 3	R	R	R	R	R	R	←G	←G	G	R	R	R	↑
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	↑
PHASE 4	R	R	R	R	R	R	R	R	R	←G	←G	G	↓
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	↕

TGD-03

PHASE-2 OF MOT-2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TEMPORARY GENERAL INFORMATION PLAN  
MD 45 (YORK ROAD)  
AT WEST ROAD

SABRA, WANG & ASSOCIATES, INC.  
1504 JOH AVENUE  
SUITE 160  
BALTIMORE, MD 21227  
(410) 737-8584  
WWW.SABRA-WANG.COM

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SCALE: N.T.S.  
DATE: JANUARY, 2003  
F.A.P. NO. 3384 C  
S.H.A. NO. BA38/SI72  
COUNTY: BALTIMORE  
LOG MILE: 03004503.01  
TS NO. 3384 C  
T.I.M.S. NO. C-100  
SHEET NO. 120 OF 167